SEQUENCE LISTING

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Aizenstein, Brian D.
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<120> Characterization of CYP2D6 Genotypes

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<141> 2003-07-10

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<151> 2003-04-11

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<170> PatentIn version 3.2

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<400>  223
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<213>  Artificial Sequence

<220>
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<400>  224
gcagcttcaa tgatgagaac ctgcgcmtag tggtggctga cctgttctct gccgg          55


<210>  225
<211>  55
<212>  DNA
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<220>
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<400>  225
gcagcttcaa tgatgagaac ctgtgcmtag tggtggctga cctgttctct gccgg          55


<210>  226
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<212>  DNA
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<400>  226
gaaccctgag agcagcttca atgatgagaa cctga                                35


<210>  227
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<212>  DNA
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<220>
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<400>  227
acggacgcgg agcgcmtagt ggtggctv                                        28


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<211>  27
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<400>  228
cgcgccgagg tgcmtagtgg tggctgv                                         27
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<210> 229
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<400> 229
aggtcagcca ccactakgcg caggttctca tcattgaagc tgctctcagg gttccc   56

<210> 230
<211> 56
<212> DNA
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<220>
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<400> 230
aggtcagcca ccactakgca caggttctca tcattgaagc tgctctcagg gttccc   56

<210> 231
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<400> 231
cggtcggcsg tgtcctcgcc ga   22

<210> 232
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<212> DNA
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<220>
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<400> 232
acggacgcgg agtgggtcac cakcgcv   27

<210> 233
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<212> DNA
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<220>
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<400> 233
cgcgccgagg cgggtcacca kcgcv   25

<210> 234
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<212> DNA
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<400> 234
cgaggcgmtg gtgacccacg gcgaggacac sgccgaccgc c   41

<210> 235
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<212> DNA
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<220>
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<400> 235
cgaggcgmtg gtgacccgcg gcgaggacac sgccgaccgc c   41

<210> 236
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<220>
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<400> 236
gcaagaagga gtgtcaggg   19

<210> 237
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<220>
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<400> 237
aaggctttgc aggcttca   18

<210> 238
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<400> 238
gaatccggtg tcgaagtgg   19

<210> 239
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<212> DNA
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<220>
<223> Synthetic

<400> 239
ctgtggtgag gtgacgagg   19

<210> 240
<211> 19
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<220>
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<400> 240
gctcggacta cggtcatca   19

<210> 241
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<220>
<223> Synthetic

<400> 241
ggcccctgca ctgtttc   17

<210> 242
<211> 33
<212> DNA
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<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (3)..(3)
<223> The residue at this position is linked to a Z28 quenching group.

<400> 242
tctagccggt tttccggctg agacctcggc gcg   33

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<210>  243
<211>  35
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Synthetic


<220>
<221>  misc_feature
<222>  (3)..(3)
<223>  The residue at this position is linked to a Z28 quenching group.

<400>  243
tctagccggt tttccggctg agactccgcg tccgt                              35


<210>  244
<211>  29
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Synthetic

<400>  244
cccagctgga tgagctgcta actgagcat                                     29


<210>  245
<211>  30
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<220>
<223>  Synthetic

<400>  245
atgacgtggc agaccaggat gacctgggav                                    30


<210>  246
<211>  25
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<220>
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<400>  246
cgcgccgagg cggatgacct gggav                                         25
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<211>  50
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<213>  Artificial Sequence

<220>
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<400>  247
ctgggtccca ggtcatcctg tgctcagtta gcagctcatc cagctgggtc                50


<210>  248
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<212>  DNA
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<220>
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<400>  248
gctgggtccc aggtcatccg tgctcagtta gcagctcatc cagctgggtc                50


<210>  249
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<220>
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<400>  249
ccgttggggc gaaaggggcg tca                                             23


<210>  250
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<400>  250
acggacgcgg agttgggggt gggagav                                         27


<210>  251
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<400>  251
atgacgtggc agacctgggg gtgggagv                                        28
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<210>  252
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<212>  DNA
<213>  Artificial Sequence

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<400>  252
cgcatctccc acccccaaga cgcccctttc gccccaacgg tc                    42


<210>  253
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<212>  DNA
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<220>
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<400>  253
cgcatctccc acccccagga cgcccctttc gccccaacgg tc                    42


<210>  254
<211>  25
<212>  DNA
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<220>
<223>  Synthetic

<400>  254
ccatccaggg aagagtggcc tgttt                                       25


<210>  255
<211>  28
<212>  DNA
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<220>
<223>  Synthetic

<400>  255
acggacgcgg agaggaaccc tgtgacat                                    28


<210>  256
<211>  47
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Synthetic

<400>  256
tttgaaatgt cacagggttc ctaacaggcc actcttccct ggatggg              47
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<210>  257
<211>  32
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Synthetic

<400>  257
aggagtagcc acgctcggtg aggatcttca tt                                    32


<210>  258
<211>  27
<212>  DNA
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<220>
<223>  Synthetic

<400>  258
cgcgccgagg caggtagtcg gtgagat                                          27


<210>  259
<211>  54
<212>  DNA
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<220>
<223>  Synthetic

<400>  259
cgcgatctca ccgactacct gatgaagatc ctcaccgagc gtggctactc cttc           54


<210>  260
<211>  22
<212>  DNA
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<220>
<223>  Synthetic

<400>  260
cccgcgccac ccacactgag cc                                               22


<210>  261
<211>  27
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<220>
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<400>  261
acggacgcgg agttacagca caggtgc                                          27
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<210> 262
<211> 37
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<213> Artificial Sequence

<220>
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<220>
<221> misc_feature
<222> (3)..(3)
<223> The residue at this position is linked to a Z28 quenching group.

<400> 262
tctagccggt tttccggctg agagtctgcc acgtcat   37

<210> 263
<211> 537
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> misc_feature
<222> (275)..(275)
<223> The residue at this position is c or t.

<400> 263
aagttagaag aaccaagact atcttgtcag gggtgtattt tgagagtggc agacttttca   60

gtgcctttcc attcatgaca cttcttgaat ctctggcaga accagccagc cgtgttcaca   120

gtgtcaaatg aagggatgtc tttgattgct tccaggtgtt cctcagcacc accggagggg   180

gatgggtgat cagccgaatc tttgactcgg gctacccatg ggacatggtg ttcatgacac   240

gctttcagaa catgttgaga aattccctcc caacnccaat tgtgacttgg ttgatggagc   300

gaaagataaa caactggctc aatcatgcaa attacggctt aataccagaa gacaggtaaa   360

tataatgtga ctgccaaggg cttttaggaa gaaggagcct ctgcctgtcc agcagcctat   420

acaagccagg cagtaccaca gcaacatggc tgaatgtgtg ggaacacttg atacaaattt   480

gcttgataat aacagctaac tgttcttaag tactcagaaa gtgaaattat gtatttc   537

<210> 264
<211> 19
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<220>
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<400> 264
ctgggctggg agcagcctc   19

<210> 265
<211> 23
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<220>
<223> Synthetic

<400> 265
cactcgctgg cctgtttcat gtc   23

<210> 266
<211> 22
<212> DNA
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<220>
<223> Synthetic

<400> 266
ctggaatccg gtgtcgaagt gg   22

<210> 267
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<212> DNA
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<220>
<223> Synthetic

<400> 267
ctcggcccct gcactgtttc   20

<210> 268
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<220>
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<400> 268
gaggcaagaa ggagtgtcag gg   22

<210> 269
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<223> Synthetic

<400> 269
agtcctgtgg tgaggtgacg agg   23

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<220>
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<400>  270
gccaccatgg tgtctttgct ttc                                        23


<210>  271
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<400>  271
accggattcc agctgggaaa tg                                         22


<210>  272
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<220>
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<400>  272
accgggcacc tgtactcctc a                                          21


<210>  273
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<220>
<223>  Synthetic

<400>  273
gcatgagcta aggcacccag ac                                         22


<210>  274
<211>  27
<212>  DNA
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<220>
<223>  Synthetic

<400>  274
acggacgcgg agttacagca caggtgc                                    27
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<400>  275
cgcgccgagg caggtagtcg gtgagatc                                              28


<210>  276
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<400>  276
cccgcgccac ccacactgag cc                                                    22


<210>  277
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<400>  277
aagagtagcc acgctcggtg aggatcttca tt                                         32


<210>  278
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<400>  278
gcagtggcag ggggcctggt gt                                                    22


<210>  279
<211>  27
<212>  DNA
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<220>
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<400>  279
atgacgtggc agacggtagc gtgcagc                                               27
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<212>  DNA
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<220>
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<400>  280
cgcgccgagg agtagcgtgc agcc                                              24


<210>  281
<211>  41
<212>  DNA
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<220>
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<400>  281
gctgggctgc acgctaccca ccaggccccc tgccactgcc c                           41


<210>  282
<211>  41
<212>  DNA
<213>  Artificial Sequence

<220>
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<400>  282
gctgggctgc acgctactca ccaggccccc tgccactgcc c                           41


<210>  283
<211>  22
<212>  DNA
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<220>
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<400>  283
caggcggcct cctcggtcac ct                                                22


<210>  284
<211>  24
<212>  DNA
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<220>
<223>  Synthetic

<400>  284
cgcgccgagg cactgctcca gcga                                              24
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<210> 285
<211> 27
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<220>
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<400> 285
atgacgtggc agaccctgct ccagcga   27

<210> 286
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 286
agaagtcgct ggagcagtgg gtgaccgagg aggccgcctg cc   42

<210> 287
<211> 41
<212> DNA
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<220>
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<400> 287
agaagtcgct ggagcagggg tgaccgagga ggccgcctgc c   41

<210> 288
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<400> 288
ccttacccgc atctcccacc cccat   25

<210> 289
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<212> DNA
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<400> 289
cgcgccgagg agacgccct ttcg   24

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<220>
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<400>  290
atgacgtggc agacggacgc ccctttcg                                    28


<210>  291
<211>  44
<212>  DNA
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<220>
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<400>  291
ggggcgaaag gggcgtcttg ggggtgggag atgcgggtaa gggg                  44


<210>  292
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<212>  DNA
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<220>
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<400>  292
ggggcgaaag gggcgtcctg ggggtgggag atgcgggtaa gggg                  44


<210>  293
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<220>
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<400>  293
gctgggctgg gtcccaggtc atct                                       24


<210>  294
<211>  27
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<220>
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<400>  294
cgcgccgagg ctgtgctcag ttagcag                                    27
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<210> 295
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<220>
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<400> 295
atgacgtggc agaccgtgct cagttagcag   30

<210> 296
<211> 47
<212> DNA
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<220>
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<400> 296
atgagctgct aactgagcac aggatgacct gggacccagc ccagccc   47

<210> 297
<211> 46
<212> DNA
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<220>
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<400> 297
atgagctgct aactgagcac ggatgacctg ggacccagcc cagccc   46

<210> 298
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
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<400> 298
ggcagagaac aggtcagcca ccactatgct   30

<210> 299
<211> 33
<212> DNA
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<220>
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<400> 299
atgacgtggc agacgcaggt tctcatcatt gaa   33

<210> 300
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<220>
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<400> 300
cgcgccgagg acaggttctc atcattgaag   30

<210> 301
<211> 55
<212> DNA
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<400> 301
gcagcttcaa tgatgagaac ctgcgcatag tggtggctga cctgttctct gccgg   55

<210> 302
<211> 55
<212> DNA
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<220>
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<400> 302
gcagcttcaa tgatgagaac ctgtgcatag tggtggctga cctgttctct gccgg   55

<210> 303
<211> 31
<212> DNA
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<220>
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<400> 303
gccaccatgg tgtctttgct ttcctggtga t   31

<210> 304
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<212> DNA
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<220>
<223> Synthetic

<400> 304
cgcgccgagg ccccatcccc ctatg   25

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<400>  305
atgacgtggc agacgcccat cccccctatg                                              29


<210>  306
<211>  51
<212>  DNA
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<220>
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<400>  306
agctcatagg gggatggggt caccaggaaa gcaaagacac catggtggct g                      51


<210>  307
<211>  51
<212>  DNA
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<220>
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<400>  307
agctcatagg gggatgggct caccaggaaa gcaaagacac catggtggct g                      51


<210>  308
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<220>
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<400>  308
ccggggctgt ccagtgggca t                                                       21


<210>  309
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<400>  309
cgcgccgagg cagtgggcac cga                                                     23
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<210> 310
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<400> 310
atgacgtggc agacccgaga agctgaagtg   30

<210> 311
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<212> DNA
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<220>
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<400> 311
gcagcacttc agcttctcgg tgcccactgt gcccactgga cagccccggc c   51

<210> 312
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<220>
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<400> 312
gcagcacttc agcttctcgg tgcccactgg acagccccgg cc   42

<210> 313
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<212> DNA
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<220>
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<400> 313
cccgaagcgg cgccgcaat   19

<210> 314
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<400> 314
cgcgccgagg ctgcagaggg aggg   24

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<220>
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<400>  315
atgacgtggc agacgtgcag agggaggg                                           28


<210>  316
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<212>  DNA
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<220>
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<400>  316
ctgaccctcc ctctgcagtt gcggcgccgc ttcggggga                               38


<210>  317
<211>  38
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<400>  317
ctgaccctcc ctctgcactt gcggcgccgc ttcggggga                               38


<210>  318
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<220>
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<400>  318
ggctagaagc actgrtgccc ctggcct                                            27


<210>  319
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<220>
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<400>  319
atgacgtggc agacgtgata gtggccatct tc                                      32
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<220>
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<400>  320
cgcgccgagg atgatagtgg ccatcttc                                              28


<210>  321
<211>  50
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<220>
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<400>  321
gcaggaagat ggccactatc acggccaggg gcaycagtgc ttctagcccc                      50


<210>  322
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<220>
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<400>  322
gcaggaagat ggccactatc atggccaggg gcaycagtgc ttctagcccc                      50


<210>  323
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<212>  DNA
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<220>
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<400>  323
agccttttgg aagcgtagga ccttgccagt                                           30


<210>  324
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<400>  324
atgacgtggc agacccagcg ctgggata                                             28
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<400>  325
cgcgccgagg acagcgctgg gatat                                          25


<210>  326
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<400>  326
ctgcatatcc cagcgctggc tggcaaggtc ctacgcttcc aaaaggcttt             50


<210>  327
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<220>
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<400>  327
ctgcatatcc cagcgctgtc tggcaaggtc ctacgcttcc aaaaggcttt             50


<210>  328
<211>  29
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<220>
<223>  Synthetic

<400>  328
ctgagctagg tccagcagcc tgaggaaga                                      29


<210>  329
<211>  29
<212>  DNA
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<220>
<223>  Synthetic

<400>  329
atgacgtggc agaccgaggg tcgtcgtac                                      29
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<210>  330
<211>  25
<212>  DNA
<213>  Artificial Sequence

<220>
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<400>  330
cgcgccgagg tgagggtcgt cgtac                                              25


<210>  331
<211>  48
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  Synthetic

<400>  331
tcgagtacga cgaccctcgc ttcctcaggc tgctggacct agctcagg                    48


<210>  332
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<223> The residue at this position is linked to a Z28 quenching group.

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